

*Agenda*

**Development of Cool Colored Roofing Materials**

**Project Advisory Committee Meeting**

9 am to 11:30 am (PDT)

Thursday, September 11, 2003

**Room 4133, LBNL, Berkeley, CA**

**I. Introduction (9:00-9:20)**

- A. Opening remarks and the objectives of the PAC meetings (CEC Project Manager: Chris Scruton)
- B. Introduction of the new industrial partners (CEC Project Manager: Chris Scruton)
- C. Introduction of the ORNL and LBNL project staff (Project Director: Steve Wiel)
- D. Project Objectives and Organization (Wiel)

**II. Project Updates and Technical Tasks: Review and Discussions (9:20-10:45)**

*Questions to the PAC: Are we on the right track? Is there something else about which we should know to make the project a success?*

- A. Task 2.4: Development of cool colored coatings (Akbari et al.) (9:20-9:55)
  - 1. Identify and Characterize Pigments with High Solar Reflectance
  - 2. Develop Software for Optimal Design of Cool Coatings
  - 3. Cool Colored Material Database (new) (*Question for PAC: Shall we proceed in this format?*)
- B. Task 2.5: Development of prototype cool-colored roofing materials (Akbari et al.) (9:55-10:15)
  - 1. Review of Roofing Materials Manufacturing Methods
  - 2. Design Innovative Methods for Application of Cool Coatings to Roofing Materials
- C. Task 2.6: Field-testing and product useful life testing (Miller/Desjarlais) (10:15-10:45)
  - 1. Building Energy-Use Measurements at California Demonstration Sites
  - 2. Materials Testing at Weathering Farms in California
  - 3. Steep-slope Assembly Testing at ORNL

**III. Summary Comments from PAC members (10:45-11:25)**

*Questions to the PAC: How can we successfully market cool roofing products? Is what we have done so far useful? Is what we are planning to do useful? Is there something else we can do to improve our performance?*

**IV. Schedules of PAC meetings and concluding remarks (11:25-11:30)**

**V. Adjourn (11:30)**